

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Galip AKAY et al.

Serial No.: New

Filing Date: June 5, 2001

For: MICROCELLULAR POLYMERS AS CELL GROWTH MEDIA AND
NOVEL POLYMERS

PRELIMINARY AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-
identified application as follows:

IN THE CLAIMS

Please amend claims 3 through 7, 9 through 15, 18 through 21, 23
and 25 as follows:

3. (amended) Microcellular polyhipe polymer scaffold according to
Claim 1 suitable for growth of living matter selected from cells,
micro-organisms such as bacteria and virus and mixtures thereof.

4. (amended) Microcellular polyhipe polymer scaffold as claimed in
Claim 1 comprising micro channels formed of pores with
interconnects suitable for providing communication and penetration
of living matter for anisotropic (directional) growth thereof.

5. (amended) Microcellular polyhipe polymer scaffold as claimed in
Claim 1 wherein the walls of the micro-channels are (bio)degradable